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SEARCHED OR FORM 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Use as many sheets as necessary.

Sheet 1 of 3

**Complete if Known**

Application Number	10/723,042
Filing Date	26 November 2003
First Named Inventor	XIE, Jinchun
Art Unit	1645
Examiner Name	Not Yet Assigned
Attorney Docket Number	NLP-0202-US

U. S. PATENT DOCUMENTS

**FOREIGN PATENT DOCUMENTS**

Examiner's  
Signature

Date Considered

21.7/36

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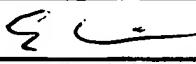
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	10	DOU, Xiamong et al, "Biological Applications of Anti-Stokes Raman Spectroscopy...," Applied Spectroscopy, Vol. 50, No. 10, p1301-06, 1996			
	11	DOU, Xiamong et al, "Quantitative Analysis of Metabolites in Urine by Anti-Stokes Raman...," Biospect, Vol. 3, p113-120, 1997			
	12	ZIERLER, Kenneth, "Whole Body Glucose Metabolism," American Journal of Physiology, Vol. 276, pE409-E426, 1999			
	13	COTÉ, Gerard L., "Noninvasive and Minimally-Invasive Optical Monitoring Technologies," Journal of Nutrition, American Society for Nutritional Sciences, Vol. 0022-3166/01, 2001			
	14	HANLON, E.B. et al, "Prospects for in vivo Raman Spectroscopy," Phys. Med. Biology, Vol. 45, pR1-R59, 2000			
	15	BERGER, Andrew J. et al, "Multicomponent Blood Analysis by Near-Infrared Raman Spectroscopy," Applied Optics, Vol. 38, No. 13, p2916-2926, 1999			
	16	ENEJDER, Annika M.K., et al, "Blood Analysis by Raman Spectroscopy," Optics Letters, Vol. 27, No. 22, 2002			
	17	FARIA, D.L.A. et al, "Raman Spectra of Human Skin and Nail Excited in the Visible Region," Journal of Raman Spectroscopy, Vol. 30, p169-171, 1999			
	18	BARAGA, Joseph J., et al, "Rapid Near-Infrared Raman Spectroscopy of Human Tissue with a Spectrograph and CCD Detector," Applied Spectroscopy, Vol. 46, No. 2, 1992			
	19	Chaiken, Joseph, et al, "Noninvasive Blood Analysis by Tissue Modulated NIR Raman Spectroscopy," Proceedings of SPIE, Vol. 4368, 2001			

Examiner Signature		Date Considered	2/17/06
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<i>S</i>	20	GELADI, Paul, et al, "Partial Least-Squares Regression: A Tutorial," <i>Analytica Chimica Acta</i> , vol. 185, p1-17, 1986		
	21	GOETZ, Marcel J. Jr., et al, "Application of a Multivariate Technique to Raman Spectra..." <i>IEEE Transactions on Biomedical Engineering</i> , Vol. 42, No. 7, 1995		
	22	WOLFRAM-GABEL, R. et al, "Vascular Networks of the Periphery of the Fingernail," <i>Journal of Hand Surgery, British &amp; European</i> Vol. 20B, p488-492, 1995		
	23	MASCARO, Stephen A., et al, "Understanding of Fingernail-Bone Interaction and Fingertip Hemodynamics..." <i>10th Symposium on Haptic Interfaces</i> , p106-113, 2002		
	24	MASCARO, Stephen A. et al, "Photoplethysmograph Fingernail Sensors for Measuring Finger Forces..." <i>IEEE Transactions on Robotics and Automation</i> , Vol 17, No. 5, p698-708, 2001		
	25	BRANDENBURG, K., et al, "Vibrational Spectroscopy of Carbohydrates and Glycoconjugates," <i>Handbook of Vibrational Spectroscopy</i> , Vol. 5, p3481-3507, 2000		
	26	OHMI, Masato, et al, "In Vitro Simultaneous Measurement of Refractive Index and Thickness..." <i>IEEE Transactions on Biomedical Engineering</i> , Vol. 47, No. 9, p1266-1270, 2000		
	27	MATHLOUTHI, Mohamed, et al, "Vibrational Spectra of Carbohydrates," <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , Vol. 44, p7-89, 1986		
<i>S</i>	28	WILLIAMS, A.C., et al, "Raman Spectra of Human Keratotic Biopolymers: Skin, Callus, Hair and Nail," <i>Journal of Raman Spectroscopy</i> , Vol. 25, p95-98, 1994		

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
29	US- 4,281,645	08-04-1981	JOBSIS		
30	US- 5,222,496	06-29-1993	CLARKE et al		
31	US- 5,743,262	04-28-1998	LEPPER, JR et al		
32	US- 6,222,189-B1	04-24-2001	MISNER et al		
33	US- 6,370,406-B1	04-09-2002	WACH et al		
34	US- 6,064,898	05-16-2000	ALDRICH		
35	US- 6,485,413-B1	11-26-2002	BOPPART et al		
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## FOREIGN PATENT DOCUMENTS

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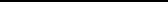
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